

Title (en)
Hydroxyl-functional disiloxanes and polysiloxane oligomers.

Title (de)
Hydroxy-funktionelle Disiloxane und Polysiloxan-Oligomere.

Title (fr)
Disiloxanes et oligomères polysiloxane hydroxy-fonctionnels.

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Application
EP 87305103 A 19870609

Priority

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Abstract (en)
Hydroxyl-functional disiloxanes and hydroxyl-functional polysiloxane oligomers are provided which contain hydroxyl groups bound to the silicon via Si-C bonds. These compounds may be crosslinked to form polysiloxane networks having improved mechanical strength or reacted to form linear, siloxane containing block copolymers. The disiloxanes are the formula <CHEM> wherein R is alkyl of 1 to 4 carbon atoms, fluoroalkyl of 1 to 4 carbon atoms, or aryl of 6 to 10 carbon atoms; and X is -OR' or -NR₂R₃ wherein R', R₂, and R₃ are independently hydrogen, alkyl of 1 to 4 carbon atoms, aryl of 6 to 10 carbon atoms or fluoroalkyl of 1 to 4 carbon atoms of claim 1, and the disiloxanes IIA may be used to prepare polysiloxanes of the formula <CHEM> by treating the disiloxane IIA with a cyclic polysiloxane. n

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Citation (search report)

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